

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **06213071 A**

(43) Date of publication of application: **02.08.94**

(51) Int. Cl.

F02F 5/00

F02F 5/00

F16J 9/06

F16J 9/20

(21) Application number: **05019415**

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(22) Date of filing: **13.01.93**

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(54) **COMBINED OIL CONTROL RING**

them.

(57) Abstract:

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PURPOSE: To eliminate a useless clearance where oil leaks, by forming a ring groove inside in a connecting part between an inner circumferential part of a ring body and both upper and lower side rails, and making this connecting part resiliently contact with the ring groove of a piston with the strength of a coil expander.

CONSTITUTION: A combined oil control ring 1 consists of a section M-formed ring body 2 and a coil expander 4 to be installed in this inner circumferential part 3. This ring body 2 is provided with each side rail piece up and down, while each of ring grooves 7 is formed inside in each connecting part 6 between these pieces and the inner circumferential part 3. In addition, plural pieces of oil windows 8 are separately installed in this inner circumferential part 3. Incidentally, if this oil control ring 1 is installed in a ring groove 10 of a piston 9, the coil expander 4 presses these side rail pieces 5 to the inner circumferential surface of a cylinder 11 under pressure. Thus, each of these connecting parts 6 is resiliently contacted with both upper and lower wall surfaces of the ring groove, whereby no clearance is formed in space between both of

